

### Abstract of the Disclosure

A cover for closing a top opening of a thermite reaction chamber of a crucible is substantially continuous and is secured to an annular filter lining via a bottom peripheral edge for making contact on a top peripheral edge of the crucible. The filter lining is substantially continuous and is suitable for constituting a substantially continuous contact medium between the bottom edge and top edge. The cover is applicable, for example, to thermite welding, e.g., for use in tunnels or underground.